

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [9490] .38 Special on cover
Message-ID: <199701220022.RAA28863@zia.aoc.nrao.edu>

Jeff WD4ET writes:

>PS. Who belongs to the Taurus on the front cover of the manual. I thought
>those things were outlawed in California.

Kinda an interesting story behind the 38S cover. It was an idea several of us had discussed. Then Doug Hendricks called me and asked if I could take the photo of the 38S rig and the .38 Special ... since at that time I had only one of the 3 prototypes in existence. I do not own any handguns. So I went to our local Gambles hardware store that also sells guns with my 38S rig in hand. I gave this this long complicated story explaining why I needed to borrow a .38 Special for a couple of hours so I could take some photos of it. Of course they know I'm a ham because I'm always in there buying crap for antennas, etc. So the owner (Dave Torres) gave me an anodized black .38 and a polished chrome .38 special with a box of shells to take the photos. I returned the two pistols and shells a couple of hours later. I made him a copy of the photo that is on the 38S cover, which is now proudly hanging in their gun case.

So I learned how to get a lethal weapon with:

1. No 5 day waiting period
 2. No forms to fill out
 3. No signature on anything
- and,
4. NO MONEY DOWN, including the ammo!

I was glad to return the guns, however. With my luck, I'd figure there would be some triple murder in Socorro that day with an unregistered .38 Special. Nice guy as our local Sheriff is, I don't think he'd buy the above story why I had two unregistered handguns for a heartbeat!

What we do for this hobby. But as politically incorrect as it may be, would anything less be appropriate? It may be a collectors item ... you can bet MFJ, ICOM, Ten-Tec, etc. would never have done it. Leave it to QRPers to "push the envelope."

72, Paul NA5N

dit dit

(The sound of a .38 Special when you pull the trigger with no ammo loaded)

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: ji3m@maxwell.com (James R. Duffey)
Subject: [9563] 30M open after sunset
Message-ID: <v02130503af0bae3ddc0f@[192.31.66.229]>

Chuck wrote;

"At this time of year the band typically closes just after sunset, but don't give up."

This is a bit harsh. The 30 M band is open here for at least 2 to 3 hours after sunset, mostly to the southeast and southwest. Southern Texas cones in well :-). Signals usually have some QSB, but on Monday night I had a 45 minute QSO with W5ZM in southern Texas with 5 watts. After he found out I was running 5 W he cranked down his power to 10 W. There was enough other activity on to have some problems with QRM, including a TI4 working an AC4.

I think 30 M is a very nice to spend an evening. - Duffey

James R. Duffey
Principal Scientist
Maxwell Technologies Incorporated/Albuquerque Division
Suite 300
2501 Yale Blvd SE
Albuquerque, NM 87106

(505) 764-3143
(505) 843-7995 (FAX)

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [9541] 30m openings at 0700z
Message-ID: <Pine.SUN.3.90.970122072911.9753A-1000000@vortex.sage.dri.edu>

Hi All,

In talking about 30m folding early, let me pass this along.

Last night, at 0700z, there was a ZL2 and a YJ0 that both had very good sigs.

The ZL was in a qso with a state side station and the YJ was working a string of JAs, so of who also had nice sigs.

So don't give up on 30m just because it's dark outside!

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: Scott Bauer <ke3nv@erols.com>

Subject: [9492] 38 Special missing parts ?

Message-ID: <199701220035.TAA01988@mx04.erols.com>

Well, I must have got everyone's missing parts in my kit.
I ended up with 20 or so left over.....I wonder if that
could be why my audio is kinda low.....hmmm
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80, all Sensational rigs.
38 special at 300mw

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: "Jim Kortge, K8IQY" <jokortge@tir.com>

Subject: [9494] 38 Special Thank-you

Message-ID: <1.5.4.16.19970122020500.1d57d322@tir.com>

Ori....I just received the two 38 Specials in the mail today.
As one designer to another, you've done a super job! I don't
even have to build it, to know it is excellent.

I looked over the schematic, and all of the areas that I was
worried about on the earlier, web posted design, are now
addressed. The PC board is the first class also.

A big "thank-you" from me, personally, and the thousands of
builders who will enjoy this delightful rig, and a hearty
"bravo" to the 38 Special design, development, production
readiness, and shipping team for your countless hours of
work and dedication.

72 and kind regards.....Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com	_ _ o	Cascade 17/40 SSB
Fenton, MI	_ '\<	Mizuho 17/40 SSB
... ..	(*)/(*)	

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Timothy R. Gordish" <105020.2634@compuserve.com>
Subject: [9495] 38-Special Success!
Message-ID: <199701212021_MC2-FB3-5A1A@compuserve.com>

I did it! I actually have a rig that I built myself and it works! I made my first contact today with WB6IYS. The signal was loud and clear and he gave me a 599 report. I was able to substitute the missing choke with one that had a 5.6 vs 4.7 uh. I didn't really notice that it made a difference. I also made the 5w mod using the direct coupling method. I was wondering if I need a heat sink on the amp. This rig is definately a user.

73 and see you on thirty meters. If you here me, please QRS! I had a bit of trouble keeping up with my contact today.

Tim
KB9LGJ
Yuma AZ.

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Dave Fifield <fifield@pacbell.net>
Subject: [9520] 6.8uH Choke for 38S
Message-ID: <32E5BB22.6FA4@pacbell.net>

Bill et al,

Whilst helping to develop the 38S into a viable kit, I did try to see if we could use a toroid instead of a "standard" inductor for the VX0 frequency puller; a torroid core is significantly cheaper than a pre-wound inductor.

Unfortunately, although I could get the inductance required, using a toroid did not seem to work well at all. The VX0 range was significantly reduced. We attributed this to the very high Q of the toroid vs. the very low Q of the "standard" inductor. Thus, it was necessary to use the pre-wound low Q device in the end.

Please feel free to experiment with toroids. You can lower the Q of a coil by shunting it with a parallel resistor. If you find something that works, please let us all know! We simply ran out of time to experiment any more, and decided to leave it as was...it worked!

72 de Dave Fifield, KQ6FR

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: BWHITTEM@mailgw.sanders.lockheed.com
Subject: [9530] 78L05s found
Message-ID: <2E60A870.1299@mailgw.sanders.lockheed.com>

thanks for all who replied. ive got 78l05 on the way.
what a great group!

38s almost done
barry
wb1edi

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Robert Penneys <radio@UDe1.Edu>
Subject: [9550] ==FS: MFJ 9020 =
Message-ID: <199701221649.LAA10498@copland.udel.edu>

For sale : MFJ 9020 excellent QRP rig. Property of KA3LLL/S08LLL,
spawn of the legendary K3QIO, architect of the current FSFD.

Come and get it for \$99.

E-mail thru me at radio@udel.edu.

Tnx Bob N9GG

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Jim and Nancy Larsen <larsennc@alaska.net>
Subject: [9548] AL7FS - FSFD - Alaska 1/25/97, Saturday
Message-ID: <32E64049.4496@alaska.net>

OK,

Here is best guess on operating. This will have to be flexible but if you know what frequencies, you can sorta follow me as the bands change.

One time apology. I do not know exactly what to expect, especially with a station such as KL7Y. I will do my best.

Start estimated between 1800Z and 1900Z.

1800Z(+-) to 0000Z I will be on the best I can find between 30-20 or 15 mtr. Probably 20 with 30 or 15 less likely due to Props.

When 20 goes away, I will move to 30 to at least check it out.

0000Z to 0130Z will probably be the region of time that 40 perks up and I will stay there until about 0300Z. If it goes away, I will move down and at least check 80 meters. I may or may not quit at 0300Z depending on what is going on. There is a 160 mtr contest so I think I will stay away from that.

Frequencies:

21064, 14064, 10126 (I have no idea where your digital interference is.), 7.044, 3.564

All freq. are plus or minus as expected.

73,

Jim
AL7FS
Anchorage, Alaska

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Jim and Nancy Larsen <larsennc@alaska.net>
Subject: [9513] AL7FS - FSFD Saturday, 1/25/97
Message-ID: <32E5A740.4EF0@alaska.net>

Yes, I know there are others on that day but Dan, KL7Y, offered to let

me use his station that day. There may be a second weekend for this but I did NOT want to pass up this opportunity.

Get this...

15 meters = 5 elements over 5 elements (Hygain 155 Long Johns) at 125 and 72 feet.

20 meters = Hygain 205 (5 elements) at 125 feet

30 meters = Dipole at 100 feet (unfortunately it is E-W so pattern is North-South)

40 meters = 3 elements at 125 feet

80 meters = slopers

160 meters = Inverted V at 150 feet.

I will only be out at his place for eight or nine hours so I will not be on all bands. Probably 20 or 15 in the daytime, moving down as the band changes. I could be on as early as 1830Z (hopefully not later than 1900Z) and will probably have to quit by about 0300Z if I am to get home for Babylon 5 and Star Trek. We will have to see how the bands are doing.

I see .058/.115/.038/.562 is N0IT
18.085 is WA8LCZ

I hear there are two other FSFD stations. What are their freq? Then I can post where I will be.

Looks like lots to choose from on Saturday.

I will be running 5 watts.

73,

Jim
AL7FS

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Randy Hargenrader <randyh@harksystems.com>
Subject: [9540] Alright Already!!
Message-ID: <32E631B2.1354@harksystems.com>

Gang,

Is EVERYONE that ordered (and subsequently received) a 38 special going to post a message when they got it and when it is "alive"?

That will be, what, at least a thousand posts?

Put your Kudo's in a post about the joy of building the thing and let us guess that you had received it prior to that.

Please?

73, Randy WJ4P

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: BWHITTEM@mailgw.sanders.lockheed.com

Subject: [9488] anyone got a 78105?

Message-ID: <2E514640.1299@mailgw.sanders.lockheed.com>

help,

ive got my 38s, tick chip and all the mod parts but cant find a local source for the 78105. RS has the 7805 and i dont want to try to suff that big thing in the small holes. i dont want to spend 5 shipping for a 60 cent part either. so does anyone have one i can buy?

thanks, barry

wb1edi

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: David Adams <adamsclan@netgate.net>

Subject: [9575] Auction Info and Thanks TenTec

Message-ID: <32E68498.29F3@netgate.net>

Sorry...not necessarily qrp, but a public thanks to the newest entrant into the qrp kit line.

As you may recall, I'm sneaking a kit into my daughters silent auction/dinner dance to help push a couple folks I've been working on over into the realm of radio. On the list's advice, I decided on a 9 band regen kit from TenTec.

I emailed tentec and asked if the kit was in stock and whether they could get it here on time for the auction (Feb 1...in mountain view if any one is interested). They mailed back that the kit was not in stock. We decided a gift certificate for the kit would do the trick and they offered a 15% discount since it was for the school. They didn't have to offer a discount, I didn't ask for one...they just did...(and in my world 15% makes a difference!)

The point...none really, just wanted to let the list know what a great

company TenTec was and thank them.

73 de dave, n9uxu

PS - So...does anyone have the 40m kit together yet?

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: d.nordquest@juno.com
Subject: [9567] Audio Spectrum Analyzer & DSP Program
Message-ID: <19970122.140807.4447.1.d.nordquest@juno.com>

I'd like to second Alan's remarks on SBFFT12. It's a great program with DSP filters that work very effectively. My 386 isn't fast enough for it, but it runs really well on a friend's 486DX266. A terrific program & freeware, too!

Dave KE9ED

" Browsing this morning, looking for the freq51, I stumbled across (in the "hamradio" msdos subdirectory of the ftp Simtel archive) a bit of freeware called (in the download list) sbfft12.zip."

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [9546] Bands open and hazards from RF exposure
Message-ID: <199701221610.KAA29585@multi13.netcomi.com>

Had a short listen this morning. Bands were wide open.
40 meters was full of 599 JAs and UAs. Heard Heard and the pileup.
30 meters had some activity across the US, but I suspect conditions were better than it appeared because everyone was somewhere else.
20 meters was open to French Polynesia.

Made a few desultory QRP calls without success but didn't have time for a QSO anyway.

Listening to the DXpedition pileups lately have convinced me, in a way that no 'scientific' study could ever do, that long term exposure to very strong RF fields produces severe brain damage. Stay QRP, stay smart!

btw, Tim AB50U had such a nice signal here last night that HE was QRMing the digital stuff!

cul

Mike K1MG

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Jim Bennett <jbennett@ebmud.com>
Subject: [9578] Content & Enjoyment
Message-ID: <32E68D54.63F6@ebmud.com>

For the past several weeks I've had a bit more interest in QRP operating than normal - due largely to the NC38S I had ordered. Looked forward to scrounging around for the additional parts & enclosure. Learned about my project's technical properties when it didn't work at first.

A beginner level "toy"? Hardly. I have a commercially available QRP kit that cost several hundred dollars that can't hold a candle to the audio quality this toy puts out. It is spot on frequency with no drift. The commercial kit drifts about 2 khz during the first hour of warm-up. After that it is nominal. Their tech person says that is to be expected. Wonderful.

Am I interested in every post that comes across my screen? Hardly. There have been many threads where the "delete" key gets hit in nanoseconds. But to belittle the builders (lemmings are we?) and the enjoyment we get from a project like this, plus potshots at NorCal, and the equipment itself is cold and cruel.

Postings like the one today at about 14:36 are just about enough to move me towards unsubscribing from this list. It is a shame that about 1,000 people have ordered an inexpensive kit, look forward to assembling it, and getting it on the air - only to get flamed for doing so. I certainly lost a lot of ambition to continue with this project after reading today's mail.

Jim Bennett / W6JHB (jbennett@ebmud.com)
Supervising Systems Programmer
East Bay Municipal Utility District
Oakland, CA 94607
voice: 510.287.0224 / fax: 510.287.0373

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: "Marshall G. Emm" <mgemm@mtechnologies.com>
Subject: [9582] CQC Home Page
Message-ID: <32E699B5.6D70@mtechnologies.com>

Organization:
Milestone Technologies
To:
QRP-L <qrp-l@lehigh.edu>

CQC's home page has been updated AGAIN. This time, among other updates you will find that the Links Page has been CATEGORIZED. Categories are QRP Clubs, Other Radio Sites, CQC Members' Home Pages, and Commercial Sites. If you have or know of a site which should be linked in one of those categories, please let us know!

Surf to <http://www.mtechnologies.com/mthome> then look for the CQC LOGO near the bottom of the page.

73
Marshall Emm
AA0XI

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: David Adams <adamsclan@netgate.net>
Subject: [9487] Dayton-1?
Message-ID: <32E55835.7AFB@netgate.net>

Greetings! When does Dayton-1 start up again? Who is handling the room blocks? (I presume Myron). Contact info? Anyone from Indianapolis going?

73 de dave, n9uxu

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: [9491] Enclosure for GM-20?
Message-ID: <199701211922_MC1-F48-7DF7@compuserve.com>

Gang:

I have a GM-20 from Small Wonder Labs ready to go and need an enclosure for it. For those who have built these rigs, what kinds of enclosures did you

use and where did you get them?

73, Craig WB3GCK

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [9576] Flagging ham #'s? What YOU can do about it.
Message-ID: <1997Jan22.163208-0500@[130.113.234.7]>

Many have mounted the soapbox warning of the demise of ham radio. Let me suggest a pro-active step we can take to bring new blood to the bands...

Part of the field-day exercise is to connect with the community. Invite media. Set up in a public place. Consider making the connection with potential new hams the central focus of your field-day effort. Choose a site not for its low-noise, good propagation potential, but for its people-traffic potential. Set up in a way that invites folks to ask "Hey, what's going on here?" And count those face-to-face QSO's as more important than the radio-type QSOs.

I was impressed with Paul Valko's portable setup last year, when he attracted a group of kids (was it take-it-to-the-field?). He had a ball, and perhaps started the ball rolling with one of those kids.

If we want new blood, we've got to make our hobby inviting, and less cliquey. As QRP'ers, we can demonstrate that ham radio can be non-intimidating, fun, and inexpensive to newcomers. So start making those people-oriented field-day plans now.

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: re2@kestrok.com (Peter Kaanapu)
Subject: [9556] FOX - Hawaii
Message-ID: <199701221811.IAA26292@alpha.kestrok.com>

Hi, I hope this makes it I'm trying to join and send a message right after.

I made it to Oahu. I have everyting set up, if I get a chance I will do some test runs but its been real busy. I will be on between 0200 and 0400Z on Thursday the 23rd. Freq will be 7.112 MHz +-. I have around 2 Watts of power.

There have been some after noon rain storms (Sunday and Today - Tues local) so I don't know what Tomorrow will bring. If I don't get through and I get another chance I will try to post again and do it all over again.

Hope you all catch me.

de
KBØROL/KH6, Brad

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: re2@kestrok.com (Peter Kaanapu)
Subject: [9558] FOX - Hawaii
Message-ID: <199701221811.IAA26296@alpha.kestrok.com>

I made it, I should be all set for 0200 to 0400Z Thurs AM (Wed even local) on 7.112. We have had some quick rain storms come through during the late afternoon (like now) so If I get rained out I will try again.

de
KBØROL/KH6, Brad

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: torell@sicom.com (Kent Torell)
Subject: [9574] FOX - Hawaii prop
Message-ID: <v02130502af0c22315932@[192.91.202.41]>

A little messing with ioncap this noon, looking at propagation for the hawaii fox (7.110 tonite from 2-4 utc). Looks like California has a 10 dB signal strength advantage over Texas. The California radiation angle is also higher, closely matching a vertical.

Signal strength will rise through the time period, so don't give up...the best times look to be between 5 to 9 utc (!) 2-4 utc is 3-5 pm local hawaii...he may have some qrn from afternoon thunderstorms.

good luck, all!

Kent Torell torell@sicom.com 602-483-2867 x230
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A qrp-1 57 ARCI 9075 DM33xn 33.55 N 111.078 W

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [9521] FOX evening
Message-ID: <M1245414.003.ee932.1.970122070303Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Hi, Tim:

Great to work you as a FOX. Good signal here in the SF Bay area.

It was really funny tonight. Got home early enough to finish dinner just after you started. Had rig warming up while I ate. Came out to the shack to hunt for you, and found you quickly with your good signal.

You were just completing FOX de AB50U K, and a bunch of callers started up. I thought, what the heck, time to put my hat in the ring too, so I sent my call just once. You caught it and called right back.

I wasn't really expecting to catch you so quickly. You blew my cool right there so bad I couldn't remember my number for a moment. That's why you had to ask for a repeat due to my fumbling. Anyway, fastest FOX I've caught yet, couldn't have been more than 15 seconds altogether.

Long live the FOX.

Good luck on your new call application. I'm sticking with this, as I had to scramble to get it back when Extras first got a crack at requesting a specific call.

CUL and 72,
Bob N6WG

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: tahrens1@juno.com
Subject: [9509] FOX: Superbulous Job Tim!
Message-ID: <19970121.221331.4895.2.tahrens1@juno.com>

That was a great run Tim - Started out at beginning, but just barely heard you. Waited an hour, and you were peaking 559... Thanks for the contact, and as usual, you did a super job!

Tim W5FN

didja listen on your freq about 10 minutes after the end...

what is an "IMPLANTABLE MICROCHIP." haha guess
somebody fell asleep at the switch... some qsb, but mostly
about S7 here in Austin.. guess it's a new beacon..

Glad it wasn't there while you were running

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Jim Hydzyk <congress@magpage.com>
Subject: [9533] FSFD (50 States) Update for Jan 22
Message-ID: <199701221342.IAA26381@alaska.magpage.com>

Hello ALL, (QRP activity info at <http://www.dancris.com/~ki7mn>)

The 50 States In 50 Days (FSFD) activity started Jan 01 and runs through
Feb. 20. Below is a the schedule of States for the next few days. We will
attempt to provide digested schedules of states/times/bands/freqs. to help
reduce message traffic to the reflector. Typically, only 1 message per day.
ALL TIMES UTC

Jan. 22 Wed. MICHIGAN WA8LCZ, Byron 2000-2200 UTC 14.060-062
2200-0000 7.041-043
NOTE: Byron will also do MI on 0000-0500 THUR-UTC 3.697-700
Jan. 25 on 18.085 15-2000z

W8KC, Paul 0200-0230 THUR-UTC 7.035-040
0230-0315 THUR-UTC 3.710-715
0315-0400 THUR-UTC 1.810-815

Jan. 23 Thursday MINNESOTA K0EVZ, Doc 2300-0130 UTC 7.040
0130-0300 FRI-UTC 7.112
0300-0500 FRI-UTC 7.040

N0UR, Jim 2000- UTC 14.060
Let's keep Jim Busy. 2100- UTC 10.116
He'll stay on as long 2200- UTC 7.040
as the calls keep coming. 0100- FRI-UTC 3.580
Jim will check 21.060 @ 15 minutes past the hour starting 2000 UTC

WVa WEST VIRGINIA K5IID/8 0100-0330 FRI-UTC 7.055
Tom 0345-0500 FRI-UTC 3.535

Jan. 24 Friday WEST VIRGINIA K5IID/8 1230-1300 UTC 3.565
 Tom will be active all day, 1330-1400 7.055
 signing K8IID/8/WVA and ck 1500-1530 10.110
 Novice segments of active 1530-1630 14.045
 band at 15 min past the hr. 1700-1730 21.065
 Sugg. 7.112 & 3.708 MHz. 1730-1800 28.065
 Tom will also be available on the 160M contest Friday night

MS MISSISSIPPI K5XU, Mike 0100-0330 SAT-UTC 7.042

 Jan. 25 Saturday MISSOURI N0IT, Dave 1900-2100 UTC 14.058 or
 check 15M first-----> 21.058 if open
 2100-2200 UTC 10.115
 0000-0200 SUN-UTC 7.038
 0300-0400 SUN-UTC 3.562

MICHIGAN #2 WA8LCZ, Byron 1500-2000 UTC 18.085

ALASKA

TBA

ALASKA

TBA

ALASKA

Before Babylon V and StarTrek

 Jan. 26 Sunday MONTANA KJ7UN, Laura 1600-1700 UTC 7.045
 1700-1800 UTC 10.110
 1800-1900 UTC 28.116
 If Dead Band then 14.058
 1900-2000 UTC 21.121
 If Dead Band then 7.045
 2000-2100 UTC 14.058

Go Packers

 Jan. 27 Monday NEBRASKA NEBRASKA WB0QQT, Steve TBA

 Most every sign-up came with a note saying they would go longer if busy.
 Frequencies are +/- QRM & typ. may reach as far as 3-4 KHz from posted freq.

CALLING CQ: A suggestion. If we call CQ WAS or WAS QRP de K6.... etc,
 we give those not on QRP-L an indication of what we're doing. FSFD type
 calling might be too cryptic for all but ourselves. However 'FS' is fine
 when busy. Exchange RST, State/Province/Country, and Name. Power level is
 nice to know.

HAWAII: KB0ROL is in HAWAII until Jan. 25 and will post his time/freq info to the group when ready. Best guess is Thursday 0200-0400 UTC on 20M or 40M. Awaiting more info from Brad.

If you want to sign-up for an upcoming State, e-mail band/freq/time directly to:
congress@magpage.com
Thanks for all the responses/encouragement and suggestions. Lets have a blast!

Jim K3QIO Wilmington, Delaware

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [9519] FSFD and FOX
Message-ID: <199701220604.GAA23719@chuck.dallas.sgi.com>

Well, one outta two ain't bad. Got the great state of KS on 40M with WA0EAF his 599.

No fox, but did hear a few signals and a lot of digital stuff from 7.030 and up. Worked VE2JT who had a phased array of verticals pointed at me. It worked.

Now I gotta build a few band modules for the Sierra then go to HomeDepot and get some aluminum, crank up EZNEC and see how many elements I can put into a beam to get KL7 on Saturday. :-)

Honey, I got some good news and I got some bad news. I'll be home all day Saturday. I won't be working on the plumbing, the electricity, painting, or moving furniture. :-) ;-)
Oh, and will you please record Babylona V and Start Trek?

dit dit

Oh, guess I had better pick up some lumber to build the doghouse. Don't have a dog though.
:-)
SIG

Chuck Adams K5FO adams@sgi.com

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [9522] FSFD Grumble Grumble
Message-ID: <M1245415.004.ee933.1.970122070303Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Jim:

Boy, do I feel dumb. Been looking forward for weeks to finally working a Kansas station, so tonight should be the night.

Got on to chase Tim, AB50U as FOX, and caught him with my very first transmission. Sort of disoriented me, as I was expecting to get in and dig as usual. Really weakened my wits. Went in the house to tell the xyl I got Tim on the first try, so she says, Oh, that's nice. Can we go to the book store now? Without thinking, I said yes, and blew my chance at Kansas. Oh, well. Like they say, experience comes from bad decisions.

If the KS stations have email addresses, I'd like them so I can try to set up a schedule with one of the KS stations.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: ka0yos@arn.net
Subject: [9511] FSFD KS - WA0EAF
Message-ID: <199701220455.WAA15287@arnet.arn.net>

This is VERY preliminary!

I worked my Dad (WA0EAF) on 30 meters with 5 watts at 0339z this evening. He said he had made around 15 to 20 Q's on 30 and 40 meters. He said he was tired, but happy and truly enjoyed doing it! He will gather info from some of the others (NOPAL, etc.) and relay it to me for posting. If Bruce in Wichita contacts him again we may let him run the tally.

He asked me to thank everyone and to say he was sorry if unable to work anyone.

72,
Joe ka0yos

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Laura" <sputnik@imt.net>
Subject: [9555] FSFD Montana / Special Note
Message-ID: <199701221739.KAA27032@cu.imt.net>

Hi there!

As Jim posted earlier, here's my schedule for Montana on Sunday:

Jan. 26 Sunday MONTANA - KJ7UN, Laura

1600-1700 UTC 7.045 (40M)

1700-1800 UTC 10.110 (30M)

1800-1900 UTC 28.116 (10M)

1900-2000 UTC 21.121 (15M)

2000-2100 UTC 14.058 (20M)

- If while trying 10M and 15M the bands aren't cooperating, I will be on 20M instead of the 10M schedule and 40M instead of the 15M schedule at the freqs listed for 20 & 40 above.

*Special Note: I will go longer than 2100z if needed, right up until kick off time!

Go-Pack-Go!

73 de KJ7UN, Laura

Laura Marino Lubner - Reese Creek Montana USA
sputnik@imt.net <http://www.imt.net/~sputnik>
GHRC / ARRL / 10-10 #68896 / FISTS #2785 / MARC / QRP-L # 790 "There's a smell of cheese, beer, brats and sweat in the air - it must be the Green Bay Packers and we're in the Superbowl!!"

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Jim Hydzik <congress@magpage.com>
Subject: [9573] FSFD SECOND Update for Jan 22 add HI/AK
Message-ID: <199701222000.PAA21778@alaska.magpage.com>

Hello ALL, (QRP activity info at <http://www.dancris.com/~ki7mn>)

*****NOTE: ALASKA and HAWAII new posting today

The 50 States In 50 Days (FSFD) activity started Jan 01 and runs through Feb. 20. Below is a the schedule of States for the next few days. We will attempt to provide digested schedules of states/times/bands/freqs. to help

reduce message traffic to the reflector. Typically, only 1 message per day.
ALL TIMES UTC

Jan. 22 Wed. MICHIGAN WA8LCZ, Byron 2000-2200 UTC 14.060-062
2200-0000 7.041-043
NOTE: Byron will also do MI on 0000-0500 THUR-UTC 3.697-700
Jan. 25 on 18.085 15-2000z

W8KC, Paul 0200-0230 THUR-UTC 7.035-040
0230-0315 THUR-UTC 3.710-715
0315-0400 THUR-UTC 1.810-815

HAWAII HAWAII KB0ROL/KH6, Brad 0200-0400 THUR-UTC 7.112

Jan. 23 Thursday MINNESOTA K0EVZ, Doc 2300-0130 UTC 7.040
0130-0300 FRI-UTC 7.112
0300-0500 FRI-UTC 7.040

N0UR, Jim 2000- UTC 14.060
Let's keep Jim Busy. 2100- UTC 10.116
He'll stay on as long 2200- UTC 7.040
as the calls keep coming. 0100- FRI-UTC 3.580
Jim will check 21.060 @ 15 minutes past the hour starting 2000 UTC

WVa WEST VIRGINIA K5IID/8 0100-0330 FRI-UTC 7.055
Tom 0345-0500 FRI-UTC 3.535

Jan. 24 Friday WEST VIRGINIA K5IID/8 1230-1300 UTC 3.565
Tom will be active all day, 1330-1400 7.055
signing K8IID/8/WVA and ck 1500-1530 10.110
Novice segments of active 1530-1630 14.045
band at 15 min past the hr. 1700-1730 21.065
Sugg. 7.112 & 3.708 MHz. 1730-1800 28.065
Tom will also be available on the 160M contest Friday night

MS MISSISSIPPI K5XU, Mike 0100-0330 SAT-UTC 7.042

Jan. 25 Saturday MISSOURI N0IT, Dave 1900-2100 UTC 14.058 or
check 15M first-----> 21.058 if open
2100-2200 UTC 10.115
0000-0200 SUN-UTC 7.038

0300-0400 SUN-UTC 3.562

MICHIGAN #2 WA8LCZ, Byron 1500-2000 UTC 18.085

ALASKA AL7FS, Jim Will start between 1800-1900 UTC
on 21.064, 14.064, 10.126 (dn to 10.123)
ALASKA He'll be on the highest active band
Check all three frequencies through 2359 UTC
ALASKA
0000-0300 UTC Mostly 7.044 then 3.564
Jim will juggle the bands based upon condx to the States but
will stay as close as possible to the freqs above.
Look for the major band change at 0000 UTC to 40/80M

Jan. 26 Sunday MONTANA KJ7UN, Laura 1600-1700 UTC 7.045
1700-1800 UTC 10.110
1800-1900 UTC 28.116
If Dead Band then 14.058
1900-2000 UTC 21.121
If Dead Band then 7.045
2000-2100 UTC 14.058

Go Packers

Jan. 27 Monday NEBRASKA NEBRASKA WB0QQT, Steve TBA

Most every sign-up came with a note saying they would go longer if busy.
Frequencies are +/- QRM & typ. may reach as far as 3-4 KHz from posted freq.

CALLING CQ: A suggestion. If we call CQ WAS or WAS QRP de K6.... etc,
we give those not on QRP-L an indication of what we're doing. FSFD type
calling might be too cryptic for all but ourselves. However 'FS' is fine
when busy. Exchange RST, State/Province/Country, and Name. Power level is
nice to know.

If you want to sign-up for an upcoming State, e-mail band/freq/time directly to:
congress@magpage.com
Thanks for all the responses/encouragement and suggestions. Lets have a blast!

Jim K3QIO Wilmington, Delaware

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Bob Hightower <ki7mn@dancris.com>

Subject: [9535] FSFD-A Plea
Message-ID: <199701221427.HAA11880@dancris.com>

Please, when scheduling times/frequencies for FSFD stations, don't schedule yourself right on 7.040, 14.060 or the usual calling freqs. It's difficult enough with the qro stations and other qrp stations that don't know about this trying to call on the same freqs, not to mention those that don't know or care about the calling freq and who just go ahead and start a qso on those freqs.

Try to set up a KHz or so off, at least.

And, I don't know about other areas, but 7.037-7.038 is nearly worthless anymore due to digital activity heard here during the normal early evening hours..

73,

Bob KI7MN Chandler, AZ Grid DM43BI Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Joel Malman <malman@BBN.COM>
Subject: [9504] FSFD: Ma Summary
Message-ID: <199701220319.WAA81204@nss2.CC.Lehigh.EDU>

QRP Folks,

It has been a good day. I got my NC38S in the mail today, and I had a good time working the FSFD qso 'test'. Below are the log entries for the FSFD. I was running 4w to a G5RV about 40 foot high, stealth mounted in the trees, behind my condo. Whatever you do: DON'T TELL THE CONDO ASSOCIATION about my antenna. Thanks.

----- WA1QVM LOG FOR MA FSFD -----

UTC TIME	Call	Band	State	Notes
=====	=====	=====	=====	=====
1/21/97 2000	N4BP	20	FLA	
2007	W9KI	20	ARK	
2015	W3LQ	20	PA	
2019	KB40PV	20	VA	
2104	N4BP	30	FLA	
2107	K5ID	30	ARK	
2126	AC5AM	30	LA	

2145	NE4G	30	SC	
2207	K5ID	40	ARK	
2215	VE3JC	40	ONT	
2218	W4ED	40	GA	
2238	AC5AM	40	LA	
2246	N4BP	40	FLA	
2254	K4NK	40	SC	
2316	W3AWU	40	VA	
2320	WA4KAV	40	????	LOST IN QRM
2333	AE4JA	40	GA	
2353	K3QIO	40	DEL	
1/22/97 0006	NT1U	40	MA	
0023	NT2SJB	40	NY	
0040	NU4N	40	KY	
0057	W1ME	40	ME	
0100	KK7BD	40	AZ	LONGEST DX WORKED
0106	N3KFL	80	GA	
0109	W1ME	80	ME	
0110	K3QIO	80	DEL	
0113	K1CL	80	MA	
0114	AA1MY	80	CT	
0116	K2SOB	80	NY	
0119	K2DP	80	NJ	
0124	KE4IZH	80	VA	
0127	AC4AM	80	LA	
0131	WB8MWR	80	MI	
0145	KA3LLL	80	DEL	
0158	AA1BK	80	NC	
0202	KS4HQ	80	NC	

----- END OF LOG FOR MA FSFD -----

Thanks to all that called and I heard/worked. Sorry to all that called and I did not hear. If you need MA, send me a message and we can set up a sked. If I have any typos in the above list, please let me now. If anyone needs an MA QSL, send me your QSL, and I will send one back. I'm good in the QRZ and callbooks (for at least the past 15 years).

/joel wa1qvm (concord, ma) malman@bbn.com

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
 From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
 Subject: [9501] Got the FOX Tonight!
 Message-ID: <970122024536_70511.3041_IHD80-1@CompuServe.COM>

Tim:

Well, it was indeed a pleasure to work you tonight. For one thing, your signal was really rolling in here to SE MN. That has not been the case with any FOXhunts since the beginning of 1997. What a pleasure--despite heavy QRM from a Cuban and a K5 (at least!) who were close by the frequency.

My setup was TenTec ARGO 556 w/MFJ CW Filter into MFJ 989C tuner to a brand new TNT-Window/66 at 27'. Just got this antenna up today in time for tonight's FOXhunt. Guess it paid off! (Of course, I *had* to get something up--as heavy MN winter ice has devastated my antenna farm.)

Tim, you were doing a great job tonight. Thanks for coming back. BTW, I'll look forward to hunting you again after you get your new call!

72/73,

--Doc/K0EVZ QRP-L #861 MN-QRP #20 ARRL

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [9579] Hang Tight
Message-ID: <199701222226.WAA25729@chuck.dallas.sgi.com>

Gang,

Hang tight. Don't panic. Help is on the way.

I have voted to pull the plug on the offending party. This group is too tight and too good to let someone with an interest and an attitude on causing problems to contributing individuals and clubs in the QRP world to remain. It violates the zero tolerance rule.

Anyone with complaints send email to me. I'll collect them and then send them to the appropriate parties. I'm interested in historical data and you know what I mean and you know who you are.

Thanks for your support. Let's not waste a lot of bandwidth on this. We all know how we feel.

This is not construed to be a negative tolerance for problems but with how they are handled. If everyone has a problem with the assembly and working of a rig, then that is a problem, but that is not what this is all about. To make blanket statements without facts is too much.

I'm sure that there is so much traffic being generated behind the scenes that I don't want to know about it.
:-)

Don't let it kill off any enthusiasm that we all have for what we do as a hobby.

Stuff happens.

Let's keep the flame wars to a minimum. This is a quite place along the super info highway with quiet peaceful waters flowing along a peaceful stream. Let's not bring in the bulldozers here, please.

dit dit
SIG
Chuck Adams K5FO adams@sgi.com

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: re2@kestrok.com (Peter Kaanapu)
Subject: [9557] Hawaii - Fox
Message-ID: <199701221811.IAA26300@alpha.kestrok.com>

I made it. Not sure if the computer has made it but I'm here. I should be on today Wednesday January 21st at 1500 local (0200 to 0400Z Thurs the 22nd GMT) I will be on or about 7.112 MHz at around 2 watts from a Palm Tree Vertical. The weather has been acting up in the afternoon so who knows but I will give it a try.

de KB0ROL/KH6, Brad

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: James Parsons <k5rov1@worldnet.att.net>
Subject: [9542] Help with answers
Message-ID: <1.5.4.32.19970122153202.0066ea6c@204.127.3.1>

I reply to a lot of the questions and comments on the group. I use Eudora Light to write my comments. My problem is that I cannot figure how to prevent the original text from going out with my comments. That takes up a lot of bandwidth, and in a lot of cases is just not necessary.

Can anybody advise me how to eliminate the original text in my reply? Its easy using Juno, because the program queries you about that. Not so with Eudora. I guess I could just erase the original comments....

Thanks

Jim, K5R0V

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Marshall G. Emm" <mgemm@mtechnologies.com>
Subject: [9564] Island Memory Keyer Kits
Message-ID: <32E663BE.3C98@mtechnologies.com>

The WB9KZY Island Keyer kits are back in stock-- I'm not sure either Chuck or myself was quite prepared for the demand! Anyhow, to refresh your memory, the Island is a Motorola microprocessor controlled iambic keyer featuring four memories (total 500 characters), low current drain, speeds to 40wpm, sidetone oscillator, and straight key input. Board kit is \$21.95.

For more info, email me or check the web site. CC ordering is available on the site too, or you can call 800-238-8205.

73

Marshall Emm
Milestone Technologies
(303) 752-3382
AA0XI@mtechnologies.com
<http://www.mtechnologies.com/mthome>

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: michael kuehn <mkuehn@iquest.net>
Subject: [9489] Kenwood reflector
Message-ID: <199701220017.TAA134086@nss2.CC.Lehigh.EDU>

Could someone tell me if there is a Kenwood radio reflector? I know of Ten-Tec and Yaesu but have

seen no mention of one for Kenwood?

Tnx inadvance

Mike WD9AJY

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Alan Slusher" <slusher@caribnet.net>
Subject: [9528] Longish Item: QST Feb 97 (See The Sigs You Hear) pp28-32
Message-ID: <199701221008.GAA10081@prop.caribnet.net>

For what it is worth, I tried the freq51 programme this morning, and got an interesting-looking display. I am running an AMD133 chip/motherboard (the vendor said Pentium; Windows 95 says 486 - I don't care; it runs faster than the old genuine pentium 60) with a VGA display; 24 mb RAM, 730 mb hard drive. Internet software is Microsoft Internet Explorer Ver. 3. The sound card is a Creative Labs soundblaster 16 (your 16 pnp). I did not do any modifications to any settings; all I did was to run a twisted-pair line from the ext. spkr. jack on the transceiver to the line-in jack on the sound card, controlling the volume with both the computer external speaker controls and the transceiver audio gain.

Trouble with the programme is that you don't seem to be able to do anything with it easily except examine the audio spectrum and use it as a tuning aid. The manual is difficult to understand (the programme is free!).

For the last six months I have been using the DSP Blaster (advertised on p25 of February QST) with very satisfactory results. You get a spare (sparse? uncluttered?) but functional audio spectrum display which works as an effective visual audio spectrum tuning aid plus the ability to define high-pass, low-pass, band-pass audio filters (and define their characteristics within fairly wide ranges) on the fly; plus you also get variable noise reduction, and variable agc (and a number of other features I have not yet mastered). Since I got this I have used my MFJ tunable DSP filter (the original MFJ-784 with the upgrade) only during the week it took to replace my computer motherboard when that crashed, and on trips away from home. I can't praise this product enough, it has certainly helped me to hear a few foxes and work WA9PWP for my first FSFD (usual disclaimer: no financial interest, just a very satisfied customer). I still remember when I thought the MFJ unit was the best thing since vodka and coconut-water.

The only negative with the DSP Blaster is the cost (\$100) and the need to use the Creative Labs Soundblaster 16, the Vibra 16 or the AWE 32. But I have no quarrel with paying people for work done, especially when it is done as well as in this case. And two upgrades have been provided at no

additional cost without my having to request them. "Compatible" cards mostly don't work, and this is clearly stated in the ad (the vendor, on request, sent me a small demo to check whether it would work with my original card). In my case, I had to replace my Ensoniq sound card.

However. Browsing this morning, looking for the freq51, I stumbled across (in the "hamradio" msdos subdirectory of the ftp Simtel archive) a bit of freeware called (in the download list) sbfft12.zip. This file is nearly 1.6 mb, but seems to be potentially very useful. I have run it on receive (on the same computer configuration described above), and have been able to create, with quick mouse drags, extremely narrow band-pass filters which literally removed the murk from around very weak cw signals. As with modern dsp filters, absolutely no ringing. I have not transmitted with it running yet, so I don't know how the usual stray rf getting into the computer's external speaker system will affect its functioning; but I would suggest that you try it alongside freq51. I couldn't think why the QST article would stop at talking about the more passive audio spectrum displays and not look at this more active one until I saw the date of the file on the Simtel list and considered likely QST publication lead times. I am grateful to the writer of the QST article for the very useful and interesting discussion, and for not only pointing me in the right direction, but leading me to the water.

<ftp://ftp.simtel.net/pub/simtelnet/msdos/hamradio/sbfft12.zip>

72/73 Alan 8P9BM
QRP-L 568

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: PDouglas12@aol.com
Subject: [9499] Looking for WA2EUC
Message-ID: <970121211543_1993246766@emout07.mail.aol.com>

Hi,

I have a bad address at compuserve for WA2EUC which keeps bouncing and I have had to pull it from my LIQRP maillist. Please, if you are out there, give a corrected address.

72,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [9527] Lost e-mail address
Message-ID: <Pine.SOL.3.94.970122042809.10540H-100000@utkux4.utcc.utk.edu>

To Nick Stanich, W8IRQ. Please send me a short note--lost your address
and want to pass on some comments on the info you sent me.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: GREGOIRE@ENDOR.COM
Subject: [9566] N.E. CLUB MEETING
Message-ID: <Chameleon.970122140632.GREGOIRE@Gregoire.endor.com>

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: GREGOIRE@ENDOR.COM
Subject: [9553] N.E. QRP CLUB MEETING
Message-ID: <Chameleon.970122122833.GREGOIRE@Gregoire.endor.com>

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [9537] n38s
Message-ID: <01IEIA9NUIPE8WX8A4@tntech.edu>

THANK!!!! to all in Norcal (and very much so to Dougy and Ori.

got my present yesterday.. what a neat looking manual.. and the
board is so pretty.. maybe I should just hang it up :-)

have a gud'un, keep up the good work.. can't wait for the Norcal,
multi-band CW/SSB/QRP rig.

73
Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [9532] NC38S POTS LINEAR/AUDIO TAPER ?

Message-ID: <9700228539.AA853948181@smtpgw.ccgate.dl.nec.com>

Gang:

Well my check for the NC38S has been cashed. Don't know where I stand in the order que, but know I'll be in the "Gate 2" rush.

Question on the pots needed for the basic kit and the mods:

Do we use linear or audio taper? I'm guessing linear, but not too sure of myself. R/S has both, so not a problem getting either.

BTW - R/S also sells a heatsink for the IRF510, as well as mounting hardware for it. They didn't have the "goop" for heat xfer, but I have some from tv repair jobs. Don't know how toasty the final gets, but I'd recommend using the compound to be safe.

Sorry if this has been covered before, maybe I just have over-looked something here.

Thanks very much.

73 de Dave NR3E
nr Dallas, TX
qrp-1 #25, ARRL

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: JCoote@aol.com
Subject: [9570] Need ideas- wideband UHF/Microwave ant
Message-ID: <970122150351_616166725@emout11.mail.aol.com>

While perhaps not 100% related to HF QRP, I could not help myself since there are numerous antenna experts here...

I'm looking for a wideband UHF and microwave antenna mainly for reception and low-powered transmission purposes. I'd like a little gain and directionality, perhaps 3-12 dBD. I need to cover 1200-5600 but would be great if I could cover 1200-10000 MHz.

Yep- I've looked in some ham antenna books and nothing of use. Ham antennas I've seen so far are too narrowbanded or too klugey, this antenna must be an innocuous little box, pyramid, cone or cylinder for my covert operations.

What about a pyramid horn, fed at the apex with N hardware (don't mind some loss) and a multi-element "probe" to cover my bandwidth? Or... what about a 90 degree corner-reflector with a wideband dipole and a hinge for folding the antenna?

Or one of those reeeeealy small log periodics... hmmm?

Thanks

73, Jay
W6CJ

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Salee, Joe C." <salee.ucs@smtp.usi.edu>
Subject: [9547] NN1G xcvr project problem
Message-ID: <AA30884001EA38D9@smtp.usi.edu>

I constructed the NN1G single band transceiver from the schematic in the 1995 ARRL handbook (p 17.79) and I have run in to a problem. The transmitter works fine, but the receiver receives on both sides of zero beat. There is less than 2 dB rejection of the opposite sideband when measured at the audio output. I "cheated" and purchased the printed circuit boards from FAR Circuits and they are much better than boards that I would have constructed in my basement. They appear to be correctly laid out and I used parts as specified in the handbook.

My understanding of a superhet is that there should be much more rejection than 2 dB. In addition, the sensitivity isn't as high as I would expect but that's not a big concern to me. The rig sounds great otherwise.

If anyone has any ideas, please let me know- I would greatly appreciate the help.

tnx es 73 de Joe KB9GMC / e e
salee.ucs@smtp.usi.edu

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: duwaynes@postoffice.worldnet.att.net
Subject: [9498] Problems What to do first.
Message-ID: <3.0.32.19970121202612.009349e0@postoffice.worldnet.att.net>

Just returned from a short business trip and came home to find a problem, two packages . Both the NC38s and the TenTec 40 m QRP kits came on the same day. Now I don't know which one I want to start on first. And, I am going out of town again tomorrow. Well I guess everyone should have these tough decisions to make. Will do up a short report on the Ten-Tec kit when I get it finished.

DuWayne
KE4HMP

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [9552] R/S heat sink compound, YES!
Message-ID: <19970122.094923.10414.0.gsurrency@juno.com>

Au contraire, mon frere. They DO have it! On page 156 of the 1997 catalog,
pn. 276-1372, \$1.99. Ask the store clerk to help you find it.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: James Bennett <james@research.nj.nec.com>
Subject: [9562] Rainbow kit order update
Message-ID: <Pine.sol.3.91.970122132824.1737A-100000@shakti>

I have now sent email confirmations to all the orders which included email. Several messages have bounced due to non existent addresses. So if you placed an order for a Rainbow Bridge/Tuner from the NJQRP club and have not received confirmation it means that:
1. No email address was supplied (will send postcards as time permits)

2. Email address was incorrect or unreadable
3. Order not yet received.

If you have not gotten a confirmation of your order and would like to know its status, then send me email and I will reply.

As Joe N2CX mentioned, we plan to ship in mid February.

Thanks for supporting the NJQRP club kit project.

James Bennett

KA5DVS

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: Allen Jones <ajones@adsnet.com>

Subject: [9561] RS Digital SWR/Power Meter on sale

Message-ID: <1.5.4.32.19970122183348.006ad9c0@adsnet.com>

While browsing the local Radio Shack store last evening I picked up a sale flyer and noticed that the their digital SWR/power meter (#21-527) was on sale for \$59.99. I had a chance to play with one a year or so back when they first came out at \$119.99. The price was dropped to \$99.99 and eventually \$79.99 so it could be the current price is a closeout although not stated in the ad. The meter has a remote sensor and the display comes with a gimbal mount so you can hang it under a shelf, etc. It covers 1.8 to 30 MHz and according to the owners manual "gives valid measurements from 1 Watt to 2,000 Watts." The meter automatically sets the power range to 0-20, 0-200 or 0-2,000W. It computes SWR and reads it out directly. The LCD display is backlit and comes with a 12V power cube. It reads peak as well as average power. Minimum input pwr for SWR reading stated as 0.5W and accuracy of +/- 10% full scale.

I have no financial interest in Radio Shack or Tandy Corp.

72/3 de Allen Jones - W9DZ

ajones@adsnet.com

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: ckrelic@bellatlantic.net

Subject: [9510] SA-5010-A KEYSER/FOR PEOPLE WHO REPLIED

Message-ID: <32E59AFA.E9C@bellatlantic.net>

I am sorry "T00" many replies to answer individually, so this message.

I have \$115 in this Keyer and will take the best offer over that amount. But please understand that this is AS NEW in ORIGINAL SEALED FACTORY BOX and therefore I can NOT answer your questions as to what it comes with. Whatever Heathkit sold with this unit I'm sure is included. You buy it and it's yours! This unit was recently bought from "Ross Distributing Company" and they are a very reputable company.

Thanks for ALL the replies!

73.....Curt/Ka3ivb

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Bob White <bobwhitewo3b@geocities.com>
Subject: [9549] Superbowl Sunday Hamfest - Maryland- Balto/DC Area
Message-ID: <32E64078.1F00@geocities.com>

Maryland Mobileers ARC Annual Hamfest

Post Holiday Swapfest and Fleamarket
Sunday, January 26, 1997 - 8 A.M. 'Til 2 P.M.
at the Odenton Maryland Volunteer Fire Department Hall
1425 Annapolis Road (Route 175)

Just a few miles down the road from Maryland Radio Center (MRC)

For more info go to the MMARC webpage which is accessable via the W03B homepage at:

[HTTP://www.geocities.com/~BobWhiteW03B](http://www.geocities.com/~BobWhiteW03B)

Hope to see you there! I'll be over at the parts counter, picking up the final pieces for my NC38S MODs.

72,
Bob White W03B

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: GREGOIRE@ENDOR.COM
Subject: [9560] test do not read
Message-ID: <Chameleon.970122131602.GREGOIRE@Gregoire.endor.com>

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806, ARRL, ARCI #3847
dhhogan@lightside.com Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Subject: [9505] The FOX!
Message-ID: <970122032005_70511.3041_IHD35-2@CompuServe.COM>

Dan:

Congrats! I agree, there is no thrill greater than working the FOX. I have worked 28 countries and 48 states QRP since returning to active hamming last July. But working the FOX is my absolute favorite.

Tim was doing a great job, as always. Again, congrats.

72/73,
--Doc/K0EVZ QRP-L #861 MN-QRP #20 ARRL

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: tayloe_d@juno.com (Daniel R Tayloe)
Subject: [9534] Tuesday Night Fox - Az
Message-ID: <19970122.070744.7719.0.tayloe_d@juno.com>

The fox was pretty tough here last night. For the first 75 minutes, Tim was at best a 229. It was somewhat disappointing to listen to all of Texas and California work the fox and not be able to hear him yourself. We were just to close.

Then the digital station decided to camp on the fox frequency. The fox hung out in its shade for a while, but decided to make a break for it in the final 15 minutes

His signal was up, he was out from under the digital QRM..... Got him!

It was another exciting hunt!

- Dan Tayloe, KK7BD, Phoenix, AZ, QRPL # 696, Az ScQRPions

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Bill Acito 22-Jan-1997 1314 <acito@asdg.ENET.dec.com>
Subject: [9565] Various Antenna Questions
Message-ID: <9701221843.AA08991@us1rmc.bb.dec.com>

Need an antenna guru to take me off line on email and help with a couple of items. Not completely QRP, but I know there is a lot of expertise on this list. Please mail direct, and if anyone is interested in the results, I'll email or make one post with the combined results and resolution.

-was looking to build the AI1H 75/80m dipole in the ARRL Antenna Book. This antenna uses a B&W coil form and a 400pf high voltage cap at the feed to provide two resonance points (75 and 80m) and still provide excellent efficiency (versus, say, a bazooka). The schematic is there, but the construction details are very light (taps on the coil, secondary versus primary). Anyone willing to take a quick look at it, and give me a bit more detail?

-building an eggbeater VHF antenna (ala' M2). This is two loops (100ohm Z) placed perpendicular, one fed 1/4 wave out of phase, wired in parallel to offer the 50ohm Z.

Built one loop, fed with 50ohm coax, and checked it for resonance, figured I'd get a 2:1 min SWR at the resonance point. Darn if the thing wasn't flat, and matched perfectly. Built the second, added the 1/4 phase line, and put them in parallel. Min SWR 2:1 at design frequency (25ohm Z?). I'm building a 432MHZ version, so my SWR analyzer won't go that high. Anyone want to guess how I got a loop antenna to match on 50 ohm line without a 1/4 wave matching line?

b

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-1 adv-rs arc1 norcal amsat-na arrl-life

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: A1K0FRP@aol.com
Subject: [9512] VK0IR worked QRP
Message-ID: <970121224517_980678816@emout13.mail.aol.com>

Gang

Worked VK0IR on 20m at 0200z beaming south, he was on 14.195 calling no takers listening 14.245. it took 10 repeats of my call after he got FR/qrp but he got my call plus /qrp 5w .
TS-850 to 4 el mono at 82 ft.
It can be done , now that I have him the rest of the tries will be qrp. did not get him on 10mhz tonite but was gud copy.
11,512 miles
A1 K0FRP

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [9583] Web Magic!!
Message-ID: <199701222305.XAA25948@chuck.dallas.sgi.com>

OK gang,

I took the plunge, email to me direct
after you surf:

http://reality.sgi.com/employees/adams_dallas/

I have 200 photos to go..... This will give you
something to wet your appetite. :-)

Dweeb alert Scottie. Dweeb alert.

dit dit
SIG
Chuck Adams K5FO adams@sgi.com

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: tahrens1@juno.com

Subject: [9514] Where is T32HA?

Message-ID: <19970121.230513.4895.6.tahrens1@juno.com>

Ok, I got him.. & it took about 15 minutes to figure out his call... I guess it's too late to copy fast code!

just wondering where he was

tnx

Tim W5FN

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: "Michael Connor" <mikec@primenet.com>

Subject: [9516] Wile E. Pettibone

Message-ID: <199701220552.WAA02735@primenet.com>

Tim,

Good job, you almost skunked me.:-)

I saw Tim's Fox reminder today and thought to myself " what a snap tonight will be, we've worked before." I even went so far as to send him email to the effect of " consider yourself snagged, pal". Big mistake.:-) I sat down at the appointed time thinking I would tinker with the 38S, and when I needed a break I would just hit the key and snag 'im good.

Started listening, but somethings not right here. I hear guys calling, even working him, but don't hear nuttin outta da FOX. Zip. Diddley. Guys in Ca. are throwing signals right over my head, sticking their tongues out at me and working him with arrogant ease. Hmpff. Tried everything.

Nothing worked. Could not hear him at all. Then the QRM started. I lost everybody. All the while that stupid email I had sent burning in my mind.

I started to feel like the Elmer Fudd of hunters.:-)

I had resigned myself to a nice meal of crow, imagining the email I would get back from Tim the next day. Left the rig and went for some hot cocoa. Came back about 10 mins before Tim was due to shut down and Bam!, there he was! And he was LOUD! Unbelievable.

Tim I gave you a 559, but you were up to 599 right after.
Great job, big fun.

Moral: Never count your Foxes before they are snared.: -)
What a night, lets do it again real soon!

Mike
NQ7K
Fuddin' in Phoenix

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Tom Bowman <tbowman@nbn.net>
Subject: [9529] Re: .38 Special on cover
Message-ID: <2.2.32.19970122105732.006c1cd8@nbn.net>

At 05:22 PM 1/21/97 -0700, you wrote:

>Kinda an interesting story behind the 38S cover....
>
Paul,

Looking at the back cover photo on your Data Book for Homebrewers....
are you sure one of those .38 Specials weren't responsible for that bullet hole
in the Simpson multimeter on your workbench?

73,

Tom, WA3REY

Tom Bowman, WA3REY <>< Mount Gretna, PA 17064 tbowman@nbn.net

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Ed Tanton <n4xy@avana.net>
Subject: [9515] Re: 38-Special-rcvd 1/ ordered 2
Message-ID: <3.0.32.19970122004135.00950d50@tiger.avana.net>

I'll tell you what Jim... you ALL have earned more than a *** GOLD STAR ***
in my book! What efforts in behalf of others! What tremendous service to
your fellow QRP'ers... I really hope that I have a chance at Dayton to buy
you and Doug (and others) a lunch or something! Thanks!
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [9517] Re: AL7FS - FSFD Saturday, 1/25/97
Message-ID: <199701220553.FAA23688@chuck.dallas.sgi.com>

Jim,

Hey, if you'll stay on longer a bunch of us will
record Babylon 5 and Star Trek and anything else you
want, edit out the commercials and FEDX it to you.

:-) ;-)

You will have a bigger pileup than the DX station the
other 100,000 crazies are chasing. : -)

dit dit es gl

We'll send someone up to rotate the 30M dipole.
SIG
Chuck Adams K5FO adams@sgi.com

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: km1h@juno.com
Subject: [9569] Re: Alright Already!!
Message-ID: <19970122.143632.9191.22.km1h@juno.com>

Amen Randy....I sent a msg to Chuck last night telling him that I would
p..e if I saw another 38 post!
It appears to be a beginner level toy loaded with problems to boot
followed by a swarm of lemmings eager to jump off the cliff in chase of
it.

Add to that the possibility that NORCAL may possibly be credited as
single handedly destroying the few (my God...for a profit) QRP
companies that still exist...all in the name of cheap,cheap, cheap
affordability for the teeming masses.

This forum needs a balance between the extremes of cheap and technical
excellence. Real performance costs real money in many cases.
Why is there such a lack of "leading edge" tech discussions? Or is it
that the list members are devoid of such skills as IF DSP, PC based
radios, etc??

The most long winded threads lately (besides the 38) have been on 30-50
year old subjects.

I, for one, joined this group to learn; not wear out the Delete key.
Please at least think about it.

73.....Carl KM1H

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: KB0VCC <dalea@artemis.fc.hp.com>
Subject: [9577] Re: Alright Already!!
Message-ID: <9701222159.AA02184@artemis.fc.hp.com>

>Add to that the possibility that NORCAL may possibly be credited as
>single handedly destroying the few (my God...for a profit) QRP

>companies that still exist...all in the name of cheap,cheap, cheap
>affordability for the teeming masses.

Hey, don't blame NORCAL for the failure of QRP mfgs to market whatever it is they (or YOU) sell. It's quite possible that the market they wish to serve doesn't even exist or at least isn't as large as needed to survive. That is to say, if the majority of the QRP HAMS prefer the low-end, low-price, bug-plagued kits, and you (ie Radio Kit) can't accept that, either find a way to compete or get out of the business! Bashing on a competitor or worse, the potential customers with...

>followed by a swarm of lemmings eager to jump off the cliff in chase of
>it.
...and...

>that the list members are devoid of such skills as IF DSP, PC based

...may momentarily help with your frustration, but certainly not your market share. A large population on this distribution IS quite technically savvy and use low cost kits like the 49-er and 38special as basic design platforms to experiment with and improve upon. Beginners use them as valuable learning tools at a minimal expense.

It's obvious from your recent and previous posts that you have an axe to grind. Please don't do it here.

>I, for one, joined this group to learn; not wear out the Delete key.

Well Carl, luckally you are free to unsubscribe anytime.

72,
-Dale, KB0VCC
Fort Collins, CO
QRP-L #91 / CQC #251

P.S. As usual, any resulting flames > /dev/null.

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Jeff Grudin <grudin@pacific.vdbs.com>
Subject: [9580] Re: Alright Already!! (too long, sorry)
Message-ID: <32E675A4.558B@pacific.vdbs.com>

Carl,

I couldn't agree with you more about the "I got mine today" posts. It goes along with the I got/didn't get my QRP today quarterly posts.

However I couldn't disagree with you more in regards to the rest of your letter. I take it from your letter that you have been around for the 30-50 years that these subjects have been kicked around that you are complaining about. Well I for one haven't. From the results of the CW survey that Chuck posted yesterday, I am just one among a large group of others like me. I have only been a ham for about 3 years now. I am not the no-code op would like to complain about, I have built and use 3 CW QRP rigs and many accessories. So I'm not the appliance op you would likewise like to complain about. I am trying to learn as much as I can from the guys like you on the list that have the info and are willing to share. I still need info on antenna's, ATU's, and the like that you may have learned about 40 years ago.

> It appears to be a beginner level toy loaded with problems to boot
> followed by a swarm of lemmings eager to jump off the cliff in chase of
> it.
> I think that you have missed the point on rigs such as the 38S or the 49er. These rigs aren't meant as an end all rig. They won't replace your main station rig. They are jump off points for experimentation. They are radio simplified so that even I can understand how they work. If I can understand how they work, maybe I can figure out ways to change them, add to them, learn from them. A rig like this would have to be cheap, so that many people could buy them and experiment and discuss those experiments, and yes learn about radio. They are not meant to compete with the commercial rigs.

> Add to that the possibility that NORCAL may possibly be credited as
> single handedly destroying the few (my God...for a profit) QRP
> companies that still exist...

What????? Norcal's kitted rigs have spurred the development of Wilderness Radio one of the more successful QRP commercial for a profit ventures going. Rigs like the Norcal 40 and the Sierra are excellent radio's and have been perfected by the many experiments and findings of Norcal's members working on the club kits. Norcal's kits (with Wayne's designs) have turned out many new products to the QRP market like the KC1 and KC2. Accessories that can be added to other commercial QRP rigs. These items are not toys at all. I wish the keyer in my Yaesu was as good. Other designs such as the Cascade and now the 38S have likewise excited many people.

The QRP clubs like Norcal get people really excited about QRP and building. These are the people that are willing to go out and buy the commercial QRP rigs. If we didn't have the enthusiasm generated here, there would be far fewer commercial QRP rigs sold.

Norcal put together the QRP Symposium at Pacificon this year. It was very

well attended. In fact the talks were so good many QRO folks attended. Maybe they managed to convert a few.

Norcal is run by two of the most dedicated people I know. They work very HARD for all of us. Their only reward is the satisfaction of promoting QRP and seeing the enthusiasm in all of us.

> The most long winded threads lately (besides the 38) have been on 30-50
> year old subjects.

If you want to start a thread on IF DSP or any other subject, go for it. I would be very interested in learning about that too. I need to also learn what you did 30-50 years ago as I and many others are that far behind you. So delete away, but you might want to skim through as even you might pick up a few things here and there that might come in handy.

> I, for one, joined this group to learn; not wear out the Delete key.

So please Carl, share with us your wisdom. Add to the discussions what you know. Start discussions on areas you want to learn more about. But don't try to take away our forum to learn.
> Please at least think about it.

--

73 de Jeff AC6KW
grudin@vdbbs.com

-----QRP-L

#16 Private Practice : Companion Animals and Exotics
Norcal QRP #1292 Ocean Animal Clinic / Cat Clinic of Santa Cruz
Santa Cruz, California

QRP'ers do it with less energy (but lot's of enthusiasm)!

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: k5vp@earthlink.net (Kevin Potter)
Subject: [9559] Re: Alright Already!! One person's view.
Message-ID: <v01540b00af0b90f7b8c5@[206.149.202.162]>

At 10:26 AM 1/22/97, Randy Hargenrader wrote:

>Gang,
>Is EVERYONE that ordered (and subsequently received) a 38 special
>going to post a message when they got it and when it is "alive"?
>That will be, what, at least a thousand posts?
>Put your Kudo's in a post about the joy of building the thing and

>let us guess that you had received it prior to that.
>Please?
>73, Randy WJ4P

Frankly, as inactive ham for about 15 years, I find this enthusiasm very exciting! I also find it contagious. I look forward to the actual posts on how well it operates & improvements made to the unit.

I believe I understand Randy's point, but I feel the need to share mine

KP

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: ckrelic@bellatlantic.net
Subject: [9536] Re: Death of Ham Radio?
Message-ID: <32E627B8.2C7E@bellatlantic.net>

JOEL DENISON wrote:

>
> way back when, ham radio was thought to need incentive or it would
> die. Some General class privledges were taken away and divided between the
> advanced and extra class licence
> Before that it was "the need for more hams"
> All during this "the manafactures were the cause of decline"
> Then it was decided that "it should be made easier for someone to
> get licenced" no-code came up at that time, as I recall.
> Now it's "drop CW or perish"
>
> I strongly suspect "it" will be something else shortly.
>
> What I find amusing is the conclusion resulting from a caotic voice
> freqs. problem. I think the case has been drawn quite clearly that most of
> the voice portion of ham radio should be given to the use of cw and digital
> modes.
> You're not hearing all that caos on the cw freqs, never have.
> Eliminate voice operation and 99% of the problem is resolved!
> Ham radio is alive and well at this qth and I expect it to remain
> that way for a long, long time.
> Remember: the more time spent building and operating the less likely
> it is that you will ever run the above discussion through your mind.
> Now, if you will excuse me, I hear 40m cw calling and the faint
> sounds of a 10m ssb opening. :-)
>

> God Bless
> Joel
>
> WA5CVM
> Joel Denison
> 81 High street 40 mtr dipole up 40ft
> Farmington, Maine 04938 QRP ARCI 4066 NEW ENGLAND QRP 467 QRP-L 765
> jdenison@aisp.net

Right on Joel!!

I had a brother named Joel, and I liked him too-:)

Curt/Ka3ivb

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "DANIEL DOBSON" <DAN DOBSON@msn.com>
Subject: [9503] RE: Enclosure for GM-20?
Message-ID: <UPMAIL02.199701220314080568@msn.com>

Hey Craig!...I used an enclosure from Radio Shack that sells for about \$7 and has "vents" on the side. Part #270-253, 3x51/4x57/8. At first I thought it was too big, but after laying out the front panel (on a paper template first!) it was just right. I added the RIT, and LED's for my power on and the RIT. I also dolled up the panel by adding some labels and a few coats of lacquer. Hope this helps!

From: owner-qrp-l@Lehigh.EDU on behalf of Craig LaBarge
Sent: Wednesday, January 22, 1997 12:22 AM
Subject: Enclosure for GM-20?

Gang:

I have a GM-20 from Small Wonder Labs ready to go and need an enclosure for it. For those who have built these rigs, what kinds of enclosures did you use and where did you get them?

73, Craig WB3GCK

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: "Bob Follett" <bfollett@ditell.com>
Subject: [9551] RE: FDIM 97 Registration List
Message-ID: <199701221649.JAA09126@orion.ditell.com>

Gang:

Registrations for FDIM 97 are continuing to arrive on a daily basis. Here is the latest list of registrations I have received:

Bachmann	Richard	N3SLR
Benson	Dave	NN1G
Carr	Mike	WA1QAA
Corbin	Robin	NI9R
Corbin	Lowell	W8IQB
Cumming	John	VE3JC
Douglas	Preston	WJ2V
Doyle	Ron	N8VAR
Evans	Ken	W4DU
Everhart	Joe	N2CX
Follett	Bob	AB7ST
Gaffney	Bernard	N8PVZ
Gobrick	Bob	N0EB
Greer	Jeffrey	WD4ETO
Hintz	Gus	W2ZHA
Karty	Steven	N5SK
Lynch	Martin	KA1LXG
Manuel	Ed	N5EM
Meier	Pete	WK8S
Midkiff	Monte	N7TAU
Muscolino	Bruce	W6TOY/3
Owen	James	K4CGY
Passione	Vince	WA2ECP
Puckett	Dan	WD8AAU
Reid	Glen	K5HGB
Roberts	Ken	
Rosenfeld	Scott	NF3I
Schill	Bob	N9ZZ
Stafford	Jim	W4Q0
Windish	Walt	KB2JE
Winkler	Dan	N7IVR
Wohlschlag	Dick	WA9FLX

FDIM 97 is May 15th, the day before Hamvention at Dayton. The conference runs all day at the Days Inn South, Miamisburg, OH

If you have not registered yet, send \$30 in US funds, check or MO, made out to Bob Follett, using the address below. A reminder, Pete Meier, WK8S, will handle the Banquet ticket reservations, and should be posting instruction

messages to the group within the next month. And no, I don't have anything to do with hotel rooms. I suggest people in need of a room call Myron Koyle, the ARCI Secretary/Treasurer in Canton Ohio, E-Mail address of n8dht@imperium.net or E-Mail Buck Switzer, ARCI President at n8cqa@tir.com. Dayton does fill up its hotel rooms for Hamvention. If you are even Thinking of going, get a room conformation now!.

73, Bob
FDIM Registration Chair

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "j.w. thornton" <dub@oklahoma.net>
Subject: [9500] Re: Fly-tieing vises hold PCB - great!
Message-ID: <3.0.32.19970121194932.006dbb80@okc.oklahoma.net>

At 08:54 AM 1/20/97 -0800, you wrote:
>On Mon, 20 Jan 1997, Ken Lopez wrote:
>
>> OK, How many OTHER fly tying QRP'rs are lurking out there?

Probably not of general interest to the group, but if everybody replied to Ken directly, nobody cept he will know. Count me as a novice flytyer, with too many other irons in the fire to do much with it. "72"

J. W. (Dub) Thornton WA5YFY
Minco, Ok.

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Duane C. Johnson" <redrok@pclink.com>
Subject: [9568] Re: Gel-Cell batteries; New hope for sick batteries
Message-ID: <32E68825.5C2@pclink.com>

Hi Don;

Don Bullard wrote:
>
> Several months ago I had 3 gel-cell batteries that seemed hopelessly

> discharged. One was a 7AH, 12V and the other two were 6AH, 6V. The
> 12V had been placed on a shelf after being discharged and forgotten
> for months. When I checked its voltage it was approximately 3 volts.
> The two 6V batteries were likewise seriously discharged due to using
> the wrong charger. The voltage of each was less than 2 volts. I tried
> recharging these batteries with the correct charger for many hours
> but their terminal voltage did not change.
>
> I decided to try one more thing before trashing them. I connected a
> 0-40 VDC bench supply, current limited at 1 amp, to the 12V battery.
> After increasing the voltage from zero to 40 volts, the current meter
> never moved. I closely monitored the battery, voltage and current. In
> less than 1/2 hour the voltage suddenly dropped to between 12 and 13
> volts and the ammeter showed current flow (though much less than 1
> amp). Next I connected the battery to a suitable battery charger.
> Within 24 hours the battery's voltage was where it should be and
> when tested provided the expected current at a steady voltage.
> Using the same procedure, the two 6 volt batteries were revived.
>
> Are these batteries as good as new? Not likely. However, I have been
> using the 12 volt battery for over 6 months and have been very pleased
> with the results.
>
> If you try this, monitor the battery voltage and current carefully. It
> is probable that a much lower voltage would have worked equally well.
> It's important to charge any battery correctly and always recharge
> before storage. If you shake the battery and it rattles, it is
> definitely time to get a new battery. Always take reasonable safety
> precautions when working with batteries.
>
> 72,
>
> Don WA4IML Athens Georgia
>
> email: dbullard@uga.cc.uga.edu
> or dbullard@peachnet.campus.mci.net

I have fixed some gelcells that way also.

I talked to the Panasonic battery rep a few years ago. One common type of gelcell is the "starved electrolyte" batteries. These are used in many of the emergency florescent lights and other UL approved equipment.

This type of battery has, on purpose, a limited amount of acid in the electrolyte gel. It is starved for acid. If the battery ever gets completely discharged it will not take a charge and possibly overheat the charger and cause a fire. There is

actually nothing wrong with the battery. It will just not accept a charge because the resistance of the electrolyte is too high as there is no acid left.

When you use the real high voltage a little current will flow and start the charging process. When enough acid is in the electrolyte full charging current ensues. Panasonic said that there is little damage to the battery.

Of course this won't work if the battery is actually bad due to other reasons such as sulfation. That is a different problem.

Not all gelcell batteries are of this type however.

```
--
      \      \  RED ROCK ENERGY  \      \      Solar
CUL8ER \      \      \      \      \      Thermal
      \      \      \      \      \      Receiver
Stupid is\Forever.  \      \      \      \      \      0
Ignorance can be Fixed. \      \      \      \      \      //|
      \      \      \      \      \      //|
Ziggy      \      \      \      \      \      //|
WA0VBE      \      \      \      \      \      //|
Designer      \      \      \      \      \      //|
      \      \      \      \      \      //|
Duane C. Johnson\ /      \ /      \ /      \ /      \ /
Red Rock Energy ===      ===      ===      ===      ===
1825 Florence St.      Heliostat Mirrors and Controls
White Bear Lake, Minnesota
USA      55110-3364
(612)635-5065 work
(612)426-4766 home
redrok@pclink.com      normal email:
dcj2@P08.RV.unisys.com
http://www.geocities.com/SiliconValley/3027/
```

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [9508] Re: Got the FOX Tonight!
Message-ID: <1.5.4.16.19970120010823.251743e6@destin.nfds.net>

At 09:45 PM 1/21/97 EST, Wilford D. Lindsey wrote:

>Well, it was indeed a pleasure to work you tonight. For one thing, your
>signal was really rolling in here to SE MN. That has not been the case
>with any FOXhunts since the beginning of 1997. What a pleasure--despite

>heavy QRM from a Cuban and a K5 (at least!) who were close by the
>frequency.

Good Going Doc. I heard a few of the stations work Tim, but I never heard him here. Oh well, maybe next time...

72/73

Bill KK4KF

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [9493] Re: Loop antenna question

>From: johnhill@freenet.edmonton.ab.ca
>Idea; multiturn loop using rotator control cable, ie. 6 conductors
>would give a 6 turn loop of 840ft

Hi John, this is another folding or linear loading idea and will introduce extreme losses. The fields from the individual wires will be fighting each other. The dielectric losses will be high. Arcing may occur. You just can't fool Mother Nature.

73, Cecil, W6RCA, 00TC

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Bob, W4ED" <rbe@atlanta.com>
Subject: [9497] Re: Loop antenna question (rotor cable)
Message-ID: <32E5A6B4.748@atlanta.com>

Cecil A Moore wrote:

>
> >From: johnhill@freenet.edmonton.ab.ca
> >Idea; multiturn loop using rotator control cable.

> The dielectric losses will be high.

For sure. Of all the material I tested in building up an assortment of 1/4 Q sections for 2 meters, the rotor cable was the worst. Next worst was a twisted pair of insulated stranded #14 guage wire at 1.5 db loss per 1/4 wave @ 145 mhz. Both of these were discarded due to their high loss.

Bob 72/73

W4ED x_AE4CA nr Atlanta @EM73wt
...."QRP", more from less....
:EMPS QS0s=83 STATES=28/7 DX=??

```
      /|
     / | \
    /  |  \
   /_ | _\
  [ \-----/
  ~~~~~
```

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: GREGOIRE@ENDOR.COM
Subject: N.E. QRP CLUB MEETING

Hello Gang,

There will be a club meeting in Manchester NH. on Feb,1, 1997

The meeting will take place at a warm restaurant after initially gathering at the public parking lot of the Amoskeg fish ladder, on Amoskeg st.

Take exit 6 off of I 293 to Amoskeg st., the parking lot is on the right.

Repeater use:147.375 + KC1HH

Agenda will be: New projects,

Field Day

72 Newsletter,timely delivery to new members

Club banner,2 for display

Club calendar,getting the 98 calendar out by the end of 97

de AA1IK,

Lead by example.

It is better to pull a string,
than to push it.

Ernie Gregoire

R.R. 1, Box 221,
South Rd.

Canaan, NH. 03741

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: GREGOIRE@ENDOR.COM

Subject: N.E. QRP CLUB MEETING

Hello Gang,

There will be a club meeting in Manchester NH. on Feb,1, 1997

note: missing from last message Time: 0930 EST

The meeting will take place at a warm restaurant after initially gathering at the public parking lot of the Amoskeg fish ladder, on Amoskeg st.

Take exit 6 off of I 293 to Amoskeg st., the parking lot is on the right.

Repeater use:147.375 + KC1HH

Agenda will be: New projects,

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72 Newsletter,timely delivery to new members

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R.R. 1, Box 221,
South Rd.
Canaan, NH. 03741

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [9538] Re: n38s
Message-ID: <v01540b00af0bdc9ce80b@[157.142.56.167]>

snip

>have a gud'un, keep up the good work.. can't wait for the Norcal,
>multi-band CW/SSB/QRP rig.

>

>73

>Jeff, AC4HF

Yes, and for \$25... ;-)

Got my kit yesterday, too... unbelievable quality for the price. A commercial outfit would charge \$50-\$100. A big thanks to Ori, Doug, Jim, and all the others that made this possible.

72/73,

Mike N5JKY
Edmond, OK

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Mark E. Monninger" <markem@primenet.com>
Subject: [9539] Re: n38s

Message-ID: <Pine.BSI.3.95.970122080100.5743B-100000@usr01.primenet.com>

On Wed, 22 Jan 1997, Jeff M. Gold wrote:

> ... can't wait for the Norcal,
> multi-band CW/SSB/QRP rig.
>

Hey...what's this? Did I miss something?

Or is Jeff just trying the power of suggestion?

73... Mark AA7TA

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: Jim Bennett <jbennett@ebmud.com>

Subject: [9544] Re: NC38S POTS LINEAR/AUDIO TAPER ?

Message-ID: <32E6383D.6E35@ebmud.com>

Dave - I had the same question when I started to assemble parts for my 38S last week. I took a look in the ARRL '96 handbook and found a pretty good explanation of the two types of pots.

Based on what I read there, I used an audio taper on the rf gain control and linear tapers on the tuning and RIT controls.

BTW - I also used a pot with SPST switch for the rf gain. The switch was then incorporated as on-off switch for the DC power. The un-modded version of the NC38S had no power on-off switch - using one on the DC supply line works fine. I routed the hot lead of the 12vdc through the spst switch on the audio pot, then on to the board at connection point number 4.

Jim Bennett / W6JHB (jbennett@ebmud.com)

Supervising Systems Programmer

East Bay Municipal Utility District

Oakland, CA 94607

voice: 510.287.0224 / fax: 510.287.0373

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: "Jim Kortge, K8IQY" <jokortge@tir.com>

Subject: [9496] Re: NC38S Question (kinda long)

Message-ID: <1.5.4.16.19970122022228.23d788fc@tir.com>

At 10:11 PM 1/20/97 -0800, Jim Bennett wrote:

>Like the mad doctor said in the movie Frankenstein: "Its alive....."

>

>That's where my question is. I've got the parts, but am unsure about
>the placement and cooling of that IRF510. Actually, I know where it
>goes on the board, but I cannot attach the back of it to my cabinet. I
>mounted my board -NOT- right up against the rear panel, but rather I
>centered it in the cabinet, to give enough room for the business end
>of the pots, key jack, etc. This now means that the IRF510 is a good
>3/4" away from the cabinet. And, it faces to the side, not the rear
>of my cabinet. Hey, what can I say - I oriented all the other stuff
>to be close to where the connectors are....

>

>So, should I assume that this little dude gets kinda hot? If I
>fabricate a heat sink out of a piece of 3/4" x 3" aluminum and
>attach that to the back of the IRF510, will it suffice as a heat
>sink? Or am I gonna have a meltdown and fry that little IRF510?

>

>Any help would be greatly appreciated, especially before I start
>into this mod Tuesday evening!!

>

>Tnx & 72/73

>

Jim....get a medium size T0220 heat sink and put it on
the transistor. Fire up the rig, and if the IRF510 gets
too hot to keep your finger on, put a second one on facing
the other way, or build a larger one out of aluminum and
paint it black when you're all done fabricating. That should
do it. You might want to put a few vent holes under the rear
area of the board where the IRF510 is mounted, and a few on the
back, near the top or on top to let the heat out, once it
goes back into the case.

GL and 72....Jim

P.S.....not very scientific approach, but should work
better than nothing!!

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com		__o Cascade 17/40 SSB
Fenton, MI		_'\<, Mizuho 17/40 SSB
...	(*)/(*)	...

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: Dave Sjolín <sjolin@swbell.net>
Subject: [9523] Re: QSL Card etiquette
Message-ID: <32E58AA7.4DC2@swbell.net>

wd4et@juno.com wrote:

>

>Is it customary and proper to include a self-addressed, stamped >envelope for the
return card? I always return cards for those I >receive. The postage is not
significant for the number
> that I deal with, even the few from overseas. But I'm not on a fixed
> income.

Jeff, unless the station you spoke with said NOT to bother with an SASE
then I think it is only courteous to send one with your card. Besides
saving him postage, it allows the other op to get a card back to you
quickly -- he doesn't have to find an envelope, copy your address on the
card, in addition to filling out the card.

SASE is a MUST if you are sending a card to someone in a relatively rare
state or grid square (if vhf/uhf). Just think how many qsl requests
someone in North Dakota would get. He would spend so much time
addressing envelopes that he would never operate.

Those are my thoughts. Good luck with the cards. 73 de Dave, N0IT

From owner-qrp-l@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Bill Todd <bill@techline.com>
Subject: [9545] Re: QSL Card etiquette
Message-ID: <1.5.4.32.19970123035905.0066d890@mail.techline.com>

>>Is it customary and proper to include a self-addressed, stamped >envelope
for the return card? I always return cards for those I >receive. The postage
is not significant for the number
>> that I deal with, even the few from overseas. But I'm not on a fixed
>> income.

Hi Jeff (don't know your E-Mail address - so I am sending this post to the
entire list).

Our December "NWQ" Newsletter has a very helpful article by our DC Editor
Ward Silver, N0AX about the ins and outs of sending QSL cards.

Here is the address of the NW QRP Club Web Page:

<http://www.scn.org/IP/nwqrp/nwqrp.html>

Good luck!
Bill-N7MFB

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [9507] Re: Slow NC 38 Special
Message-ID: <Pine.SUN.3.90.970121200149.8437A-100000@vortex.sage.dri.edu>

On Tue, 21 Jan 1997 wd4et@juno.com wrote:

> PS. Who belongs to the Taurus on the front cover of the manual. I thought
> those things were outlawed in California.

Hmmmmm, like they say.....When you outlaw guns, you make a lot
of outlaws!

cul

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [9525] Re: Slow NC 38 Special
Message-ID: <Pine.SOL.3.94.970122040555.10540E-100000@utkux4.utcc.utk.edu>

> > PS. Who belongs to the Taurus on the front cover of the manual. I thought
> > those things were outlawed in California.

Thought the Taurus just meant that in QRP, you gotta put up with a lot of
bull.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Thomas Beierlein <tb@HTWM.DE>
Subject: [9526] Re: Sunspots missing?
Message-ID: <199701220906.EAA22215@htwm.de>

Hi,

Chuck wrote yesterday:

> For the newbie to 30M. At this time of year the band
> typically closes just after sunset, but don't give up.
> It may open up but it usually takes more than 5W from
> what I am able to determine by the strength of the
> 100W stations that I hear. In another two to three

Try to catch that station anyway. On 26. Dec. I got ZS6QU
on 30m at 21 UTC. That's three to four hours after sunset
here in Europe. By the way I used 4 W to a 100 ft LW running in
straighth south direction.

In the meantime I heard him four or five times at this time
on this band. So it seems there is a regular path in south
direction after sunset. If that is so, you should be able
to hear or work stations from south america.

Good luck es 73

de Tom DL1JBE

--

"Do what is needful. And no more!" Ursula LeGuin: Earthsea

--

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: Felix Barreras <chonte@nmt.edu>
Subject: [9506] Re: The FOX!
Message-ID: <Pine.SUN.3.95.970121203117.215B-1000000@black>

Congrats on your first fox, celebrate and thank God!
May you capture many more.

de

Felix G Barreras Jr (W5BX)	ex-WB5LXA,ex-WN5IYC,ex-WA5NSC,	
email chonte@nmt.edu	ex-KZ5FB Canal Zone Panama	
New Mexico Tech	ex-AC5FB US Army MARS	
Socorro,New Mexico USA	SARA, ARRL, QRP-L 240, & QRO	

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Claton Cadmus" <aplitech@Spacestar.Net>
Subject: [9543] Re: Trolling for Ideas--SWR/Power meter
Message-ID: <199701221557.JAA16643@Spacestar.Net>

Bob wrote:

> I have room for the simple swr bridge that uses just an
> LED for forward power and an LED for reverse power. It's in the new QRP
Power
> book, and was in QST earlier.
>
> What I'm looking for is an idea on how to calibrate the forward power
LED for 5
> watts.

Take a look at the Feb. '97 QST article "A pocket-Size Direct-Reading VHF SWR Meter". Use a different bridge circuit for HF. This circuit uses the forward voltage for the reference of a LM 3914 LED bar/dot graph IC and the reverse voltage is connected to the normal input and then compared and read on the LED's as an indication of SWR. It would be a simple matter to put in a switch to change the reference input to a calibration pot and connect the forward voltage to the normal input. Might even be neater to just add another 3914 and have both SWR and Power indications. Operating in the dot mode only one led is on at a time so power consumption can be kept low.

Ooooh, now that I wrote this up I like this idea, I think it might find it's way into my 38S!

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: jeverhar@camden.lmco.com
Subject: [9554] Re: Trolling for Ideas--SWR/Power meter
Message-ID: <9701221627.AA09848@train11.CAMDEN.LMCO.COM>

Bob, and Clanton, et al,

Another approach might be to add another comparator chip and display tho the bridge portion of the Rainbow bridge/Tuner. Now that the discussion is open, I just had to chime in. Shucks, I was saving it as a fowllow-on for QRPp or the QRP Quarterly. :-)

The 3914 chip is fine, but with the internal dividers you have no control over the thresholds for turning on the individual LEDs. Since power is related to the square of the voltage, using a device with linear steps like the 3914 won't give a very useful display. The 3914 is better suited to use as a linear voltmeter.

By using a separate (cheap and obtainable from your local Radio Shack) LM339, and a set of precision resistors, or user-settable pots, you can pick the power level for each step. You would, of course be limited to four steps witha singlecomparator, but adding another one would be simple and cheap. You would, of course, also need a voltage reference, but a simple 78L05 could do the trick. And naturally, you would want the automatic RF-sensing on-off switch that the Rainbow uses.

As a sidelight, the Rainbow started out as an autoamtic forward and reverse power indicator but I decided that for simplicity's sake, an auto adjusting SWR indicator had more utility.

If you reply to this meesage, please do so to my usual addresses listed below, not the one I'm sending this from.

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: "Arjen Raateland, SYKE/YV, puh. 09 4030 0457" <Arjen.Raateland@vyh.fi>
Subject: [9571] Re: Trolling for Ideas--SWR/Power meter
Message-ID: <01IEJ2ULGTH48Y6MF9@vyh21.vyh.fi>

> The 3914 chip is fine, but with the internal dividers you have no control over
> the thresholds for turning on the individual LEDs. Since power is related to
> the square of the voltage, using a device with linear steps like the 3914 won't
give a very useful display. The 3914 is better suited to use as a linear
> voltmeter.

> Joe E., N2CX

Joe and gang,

The LM3915 is similar to the LM3914 but has a logarithmic response and might be more useful in this application. Each LED represents a 3 dB increase at the input according to the text in a stock catalog.

In my experience particular attention needs to be given to grounding to get a stable readout with these IC's, because they tend to 'motorboat'.

73, OH2ZAZ

Arjen Raateland

Finnish Environment Institute, Helsinki, Finland
SAS Support
EMAIL: Arjen.Raateland@vyh.fi
tel. +358 9 4030 0457
fax +358 9 4030 0490
.-.-. -.-

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997
From: jeverhar@camden.lmco.com
Subject: [9572] Re: Trolling for Ideas--SWR/Power meter
Message-ID: <9701222037.AA10213@train11.CAMDEN.LMCO.COM>

Arjen and company,

You wrote:

>Joe and gang,

>

>The LM3915 is similar to the LM3914 but has a logarithmic response and
>might be more useful in this application. Each LED represents a 3 dB
>increase at the input according to the text in a stock catalog.

>

>In my experience particular attention needs to be given to grounding
>to get a stable readout with these IC's, because they tend to
>'motorboat'.

Of course you are right, the 3915 is fine for logarithmic applications, I've used it myself for audio with a proper detector. Even so, I find the available steps lacking when it is used for a power meter. If we're talking about QRP, the steps might be 0.5, 1, 2, 4, 8... watts which though theoretically sound is less pleasing than the linear sequence 0.5, 1, 2, 3, 4, 5 watts for example. I've gotta admit, though that a single-chip solution like the 3915 would be a lot easier

to build.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: drowe@juno.com

Subject: [9531] Re: Where is T32HA?

Message-ID: <19970122.084947.6831.0.drowe@juno.com>

tim writes:

On Wed, 22 Jan 1997 00:07:57 EST tahrens1@juno.com writes:

>Ok, I got him.. & it took about 15 minutes to figure

>out his call... I guess it's too late to copy fast code!

>

>just wondering where he was

>

>tnx

>

>Tim W5FN

>

>

T32 IS THE PREFIX ASSIGNED TO EAST KIRIBATI WHICH IS LOCATED RIGHT ABOUT THE MIDDLE OF THE PACIFIC GOOD GOING SORRY I HAVE NO QSL INFO AT THIS TIME.

73. DAVE KC1DI

From owner-qrp-1@Lehigh.EDU Wed Jan 22 18:00:56 1997

From: "T. PETTIBONE" <tpettibo@NMSU.Edu>

Subject: [9518] Re: Wile E. Pettibone

Message-ID: <Pine.A41.3.95.970121225545.55642B-100000@hector.NMSU.Edu>

NQ7K? Who is that? Just kidding. You came banging in here too Mike.

Nice to work you. I'll post the log later but have had nice feedback.

Obviously, I didn't win anything but had a lot of fun.

For the curious, I decided to run with the NORCAL 40A and the newly installed (and fixed) KC1. Used a Bencher paddle, a pair of R/S NOVA 44 headsets, a SB152 Portable Power Supply - (battery and charger), OHR WM-1 Power Meter, and a GAP Titan vertical with the base up 17' behind my condo (where I'm not supposed to put up any antennas!) My power was just short of 2 watts. I know I missed a bunch of you that were down in my noise but I really enjoyed working the ones I could hear.

72

Tim AB50U
Las Cruces, NM